

must be a violet inclin'g much to indico. At R where the violet-making, indico-making, blue-making, and one half of the green-making rays are mixed, their Colours must (by the construction of the second Problem) compound a middle Colour between indico and blue. At S where all the rays are mixed except the red-making and orange-making, their Colours ought by the same Rule to compound a faint blue, verging more to green than indie. And in the progress from S to T, this blue will grow more and more faint and dilute, till at T, where all the Colours begin to be mixed, it end in whiteness.

So again, on the other side of the white at T, where the least refrangible or utmost red-making rays are alone the Colour must be the deepest red. At σ the mixture of red and orange will compound a red inclin'g to orange. At ϵ the mixture of red, orange, yellow, and one half of the green must compound a middle Colour between orange and yellow. At χ the mixture of all Colours but violet and indico will compound a faint yellow, verging more to green than to orange. And this yellow will grow more faint and dilute continually in its progress from χ to π , where by a mixture of all sorts of rays it will become white.

These Colours ought to appear were the Sun's Light perfectly white: But because it inclines to yellow, the excess of the yellow-making rays whereby 'tis tinged with that Colour, being mixed with the faint blue between S and T, will draw it to a faint green. And so the Colours in order from P to T ought to be violet, indico, blue, very faint green, white, faint yellow, orange, red. Thus it is by the computation: And they that please to

view

view the Colour
Nature.

These are the
the Paper is held
where the Colour
nishes. For if the
Prism, the most
will be wanting
of the rays which
duce a fuller green
blue will now be
sequence more
agrees with expectation.

And if one look
encompassed with
the Colours arising
will appear to be
black Object be
colours which appear
from the Light of
regions of the black
trary order to the
Object is surrounded
be understood where
are some of them
Borders of the
ought always by
excess of the Light
the same kind as
to be more faint